

Kiran Vyapar Ltd

Credit Risk Stress Test - on Capital Adequacy

Example - (Data as per December 2022)

On Balance items	Risk weight	Normal situation		Stress situation		Rs.Lacs
		Exposure	RWA	Extent of down- grade (%)	Exposure	RWA
Cash & Cash equivalent	-	2,486.51	-	-	2,486.51	-
Investment in Group Cos (adjusted for CRAR Calculation)	-	11,715.12	-	-	11,715.12	-
Investment in External Cos (adjusted for CRAR Calculation)	100	50,709.75	50,709.75	100	50,709.75	50,709.75
Loans & Advances in Group Cos (adjusted for CRAR Calculation)	-	8,366.66	-	-	8,366.66	-
Loans & Advances in External Cos (adjusted for CRAR Calculation)	100	7,716.12	7,716.12	100	7,716.12	7,716.12
Fixed Assets	100	31.23	31.23	100	31.23	31.23
Advance Tax Paid	-	51.13	-	-	51.13	-
Others	100	512.20	512.20	100	512.20	512.20
	(A)	81,588.72	58,969.30		81,588.72	58,969.30
Off Balance items						
Partly Paid up shares-Commitment due in Venture Capital Fund	100	5,823.18	5,823.18	100	5,823.18	5,823.18
Other Contingent Liability-Income Tax	50	2,149.02	1,074.51	100	2,149.02	2,149.02
	(B)	7,972.20	6,897.69		7,972.20	7,972.20
Total Risk Weighted Asset (A+B)			65,866.99			66,941.50
Tier I-Capital Fund (Net Owned Fund)			50,574.57			50,574.57
Tier II-Capital Fund			125.74			125.74
Total-Capital Fund			50,700.31			50,700.31
CRAR			76.97%			75.74%

Kiran Vyapar Ltd

Credit Risk Stress Test - on Profitability

Example A: The regulatory provisioning requirement under a stress situation is assumed as 1% for all Standard; 25% for Sub-standard and 100% for all Doubtful categories.

Rs. in Lacs

Asset Classification	Exposure	Normal situation		Stress situation	
		Rate of Provisioning (%)	Provision	Revised rate of provisioning (%)	Provision
Standard Assets	16,190.00	0.40	64.76	1.00	161.90
Sub-Standard Assets	-	10.00	-	25.00	-
Doubtful & Loss Assets	68.24	100.00	68.24	100.00	68.24
Total	16,258.24		133.00		230.14

Details	Normal situation		Stress situation	
Annual Profit (Provisional Total Comprehensive Income for the period ended 31st Decemeber of Financial Year 2022-23)		4,327.00		
Additional Provisions				97.14
Revised Annual Profit under Stress Situation				4,229.86
Impact on profits (%)				-2.24%
ROA		26.61%		26.02%
Total-Capital Fund	50,700.31		50,603.17	
RWA	65,866.99		65,769.85	
CRAR	76.97		76.94	

Example B: The downgrade from Standard to NPA (sub standard) is assumed to be 10% and the provisioning requirements under stress situation are assumed as 25% for Sub-Standard Assets & other as per example A above:

Rs. in Lacs

Asset Classification	Exposure	Normal situation		Stress situation		
		Rate of Provisioning (%)	Provision	Exposure	Revised rate of provisioning (%)	Provision
Standard Assets	16,190.00	0.40	64.76	14,571.00	1.00	145.71
Sub-Standard Assets	-	10.00	-	1,619.00	25.00	404.75
Doubtful & Loss Assets	68.24	100.00	68.24	68.24	100.00	68.24
Total	16,258.24		133.00	16,258.24		618.70

Details	Normal situation		Stress situation	
Annual Profit (Provisional Total Comprehensive Income for the period ended 31st Decemeber of Financial Year 2022-23)		4,327.00		
Additional Provisions				485.70
Revised Annual Profit under Stress Situation				3,841.30
Impact on profits (%)				-11.22%
ROA		26.61%		23.63%
Total-Capital Fund	50,700.31		50,214.61	
RWA	65,866.99		65,381.29	
CRAR	76.97		76.80	

Kiran Vyapar Ltd

Interest Rate Risk Stress Test

(in Lacs)

The following illustrations indicate a few methods of application of stress tests to assess the impact of interest rate risk from the earnings perspective.

Time buckets	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Rate sensitive assets (RSA) – Value	11,310.42	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	16,140.27
Rate sensitive liabilities (RSL) – Value	10,811.34	-	-	-	-	-	-	-	-	10,811.34
Gap (RSA-RSL)	499.08	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	5,328.93

Annual Profit (Provisional Total Comprehensive Income for the period ended 31st Decemeber of Financial Year 2022-23) = 4,327.00

Scenario A : When interest rates increase by 1% across all time buckets both for assets and liabilities

Time buckets	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Rate sensitive assets (RSA) – Value	11,310.42	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	16,140.27
Rate sensitive liabilities (RSL) – Value	10,811.34	-	-	-	-	-	-	-	-	10,811.34
Gap (RSA-RSL)	499.08	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	5,328.93
Interest On RSA	113.10	-	2.23	3.17	4.50	28.26	10.14	-	0.00	161.40
Interest On RSL	(108.11)	-	-	-	-	-	-	-	-	(108.11)
Impact on NII	4.99	-	2.23	3.17	4.50	28.26	10.14	-	0.00	53.29
Impact on profit										1.23%

Scenario B : When interest rates decrease by 1% across all time buckets both for assets and liabilities

Time buckets	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Rate sensitive assets (RSA) – Value	11,310.42	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	16,140.27
Rate sensitive liabilities (RSL) – Value	10,811.34	-	-	-	-	-	-	-	-	10,811.34
Gap (RSA-RSL)	499.08	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	5,328.93
Interest On RSA	(113.10)	-	(2.23)	(3.17)	(4.50)	(28.26)	(10.14)	-	(0.00)	(161.40)
Interest On RSL	108.11	-	-	-	-	-	-	-	-	108.11
Impact on NII	(4.99)	-	(2.23)	(3.17)	(4.50)	(28.26)	(10.14)	-	(0.00)	(53.29)
Impact on profit										-1.23%

Scenario C : When interest rates increase by 1% for time buckets up to one year and decrease by 1% for time buckets beyond one year both for assets and liabilities

Time buckets	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Rate sensitive assets (RSA) – Value	11,310.42	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	16,140.27
Rate sensitive liabilities (RSL) – Value	10,811.34	-	-	-	-	-	-	-	-	10,811.34
Gap (RSA-RSL)	499.08	-	222.98	316.60	450.00	2,825.76	1,014.41	-	0.10	5,328.93
Interest On RSA	113.10	-	2.23	3.17	4.50	28.26	(10.14)	-	(0.00)	141.11
Interest On RSL	(108.11)	-	-	-	-	-	-	-	-	(108.11)
Impact on NII	4.99	-	2.23	3.17	4.50	28.26	-10.14	-	-0.00	33.00
Impact on profit										0.76%

Remarks: Where all assets and liabilities are linked to floating interest rates, any change in the interest rates would normally impact the interest rates pertaining to those assets and liabilities which are due for maturity/ re-pricing within the time horizon over which the stress is envisaged. Interest rate risk is a type of systematic risk that particularly affects fixed rate debt instruments like bonds and debentures. The value of the fixed-rate debt instruments generally decline due to rise in interest rates and vice versa. The rationale is that a bond is a promise of a future stream of payments; an investor will offer less for a bond that pays-out at a rate lower than the rates offered in the current market. A rising interest rate scenario also affects the Company's interest expenditure on borrowed funds. The Company monitors the interest rate scenarios on a regular basis and accordingly takes investments decisions as whether to invest in fixed rate debt instruments, shares and securities at a particular point of time. Further, the Company's borrowings are short-term in nature and carry a fixed rate of interest and the company is in a position to pass on the rise in interest rates to its borrowers.

Kiran Vyapar Ltd

Equity Price Risk Stress Test

(in Lacs)

Price risk is the risk that the fair value of a financial instrument will fluctuate due to changes in market traded price. It arises from financial assets such as investments in equity instruments, bonds, mutual funds etc. The Company is exposed to price risk arising mainly from investments carried at fair value through FVTPL or FVOCI which are valued using quoted prices in active markets (level 1 investments). A sensitivity analysis demonstrating the impact of change in market prices of these instruments from the prices existing as at the reporting date is given below:-

Particulars	Carrying value as at 31st December 2022
Investments carried at FVTPL or FVOCI valued using quoted prices in active market (i.e Quoted Equity & MF)	27,631.01

Analysis on total comprehensive income upon fluctuation of market prices	Impact on total comprehensive income
Increase by 10%	2,763.10
Decrease by 10%	(2,763.10)

Details	Normal situation	Stress situation
Annual Profit (Provisional Total Comprehensive Income for the period ended 31st Decemeber of Financial Year 2022-23)	4,327.00	
Impact of negetive fluctuation of market prices		2,763.10
Revised Annual Profit under Stress Situation		1,563.90
Impact on profits (%)		-63.86%
Total-Capital Fund	50,700.31	47,937.21
RWA	65,866.99	63,103.89
CRAR	76.97	75.97

Kiran Vyapar Ltd

Liquidity Risk Stress Test

(in Lacs)

	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Normal										
Assets/Inflows:-										
Cash & Cash Equivalent	2,486.53	-	-	-	-	-	-	-	-	2,486.53
Investment in Listed Equity	-	-	-	-	-	-	-	-	15,787.59	15,787.59
Investment in Mutual Fund	11,843.42	-	-	-	-	-	-	-	-	11,843.42
Investment in Others	-	-	-	50.00	-	-	-	-	29,487.42	29,537.42
Investment in Venture Capital Fund	-	-	-	-	-	-	-	-	29,997.82	29,997.82
Advances Through Regular Payment Schedule	-	-	222.98	316.60	450.00	2,825.76	1,014.41	-	-	4,829.75
Advances Through Bullet Payment	11,310.42	-	-	-	-	-	-	-	0.10	11,310.52
Other Assets	572.76	-	-	-	-	7.78	-	-	82.36	662.90
Total Assets	26,213.13	-	222.98	366.60	450.00	2,833.54	1,014.41	-	75,355.29	1,06,455.95
Loans from Related Parties (including ICDs)	10,811.34	-	-	-	-	-	-	-	-	10,811.34
Other Liabilities	151.41	-	-	-	-	-	-	-	95,493.20	95,644.61
Total Liability	10,962.75	-	-	-	-	-	-	-	95,493.20	1,06,455.95
Gap	15,250.38	-	222.98	366.60	450.00	2,833.54	1,014.41	-	-20,137.91	-
Cumulative Gap	15,250.38	15,250.38	15,473.36	15,839.96	16,289.96	19,123.50	20,137.91	20,137.91	-	-
Stress										
Assets/Inflows:-										
Cash & Cash Equivalent	2,486.53	-	-	-	-	-	-	-	-	2,486.53
Investment in Listed Equity	-	-	-	-	-	-	-	-	15,787.59	15,787.59
Investment in Mutual Fund	11,843.42	-	-	-	-	-	-	-	-	11,843.42
Investment in Others	-	-	-	50.00	-	-	-	-	29,487.42	29,537.42
Investment in Venture Capital Fund	-	-	-	-	-	-	-	-	29,997.82	29,997.82
Advances Through Regular Payment Schedule	-	-	111.49	158.30	719.79	2,825.76	1,014.41	-	-	4,829.75
Advances Through Bullet Payment	5,655.21	-	-	-	5,655.21	-	-	-	0.10	11,310.52
Other Assets	572.76	-	-	-	-	7.78	-	-	82.36	662.90
Total Assets	20,557.92	-	111.49	208.30	6,375.00	2,833.54	1,014.41	-	75,355.29	1,06,455.95
Loans from Related Parties (including ICDs)	10,811.34	-	-	-	-	-	-	-	-	10,811.34
Other Liabilities	151.41	-	-	-	-	-	-	-	95,493.20	95,644.61
Total Liability	10,962.75	-	-	-	-	-	-	-	95,493.20	1,06,455.95
Gap	9,595.17	-	111.49	208.30	6,375.00	2,833.54	1,014.41	-	-20,137.91	-
Cumulative Gap	9,595.17	9,595.17	9,706.66	9,914.96	16,289.96	19,123.50	20,137.91	20,137.91	-	-
Assumptions :-										
1. The stress scenario is expected to last three months										
2. Advances Through Regular Payment Schedule:- 50% of Repayment scheduled to receive within 3 months delayed and received in 3 to 6 Months bucket										
3. Advances Through Bullet Payment:- 50% of Repayment scheduled to receive within 3 months delayed and received in 3 to 6 Months bucket										
Impact of stress on liquidity										
Since, there is no cumulative mismatch of liability over assets, there is no stress on liquidity										
Loss on delayed receivable										
Loss on sale of assets, if any										
Total cost										
Remarks :-The Company maintains a well-diversified portfolio of investments in shares and securities which are saleable at any given point of time. A dedicated team of market experts are monitoring the markets on a continuous basis, which advises the management for timely purchase or sale of securities. The Company is currently having a mix of both short-term and long-term investments. The management ensures to manage its cash flows and asset liability patterns to ensure that the financial obligations are satisfied in timely manner.										